

AGAAZ ASLAM

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Education

Manipal University, Jaipur

Bachelor of Technology (I.T) — 7.32 CGPA

Aug. 2021 – July 2025

Jaipur, Rajasthan

Delhi Public School, Siliguri

CBSE — 10th: 90.2% | 12th: 87.8%

April 2016 – June 2021

Siliguri, West Bengal

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

Experience

Web Development Intern

June 2024 – August 2024

GSPANN Technologies

Hybrid, Gurugram

- Collaborated with a mentor to translate Figma designs into functional and visually appealing web applications using React .
- Developed and optimized dynamic, responsive web pages with React, ensuring cross-browser compatibility, high performance, and adherence to requirements and design specifications.
- Participated in code reviews, debugging, and iterative development, which improved code quality, project maintainability, and contributed to a 20% increase in user engagement.

Projects

DocQuery: AI Summarizer and Q&A System | LangChain, Gemini API, Python, React | April 2025

- Developed a Retrieval-Augmented Generation (RAG) application to extract key insights from PDFs and answer user queries with contextual precision.
- Integrated Google Gemini API via LangChain to enable natural language question-answering over uploaded PDF documents.
- Utilized PyMuPDF to parse and chunk documents, FAISS for efficient vector-based semantic search, and React for an intuitive web interface.

InfAI : AI-Powered News Digest | FastAPI, React, LangChain, Gemini API, Python | Aug 2025

- Developed a web application to deliver concise, real-time news digests powered by AI, using FastAPI for the backend and React for the frontend.
- Integrated LangChain with Gemini API to summarize long news articles and generate follow-up questions, enabling deeper user engagement.
- Implemented user query handling with RAG (Retrieval-Augmented Generation) to provide contextual answers based on vectorized news article embeddings.

URL Shortener | FastAPI, Postgres, React | Dec 2024

- URL Shortener web application using FastAPI, allowing users to convert long URLs into short, easily shareable links.
- Implemented a Postgres database to store original URLs, their corresponding short codes, and access statistics.
- Designed a RESTful API with endpoints for shortening URLs, retrieving original links, and tracking usage metrics.
- Incorporated error handling and validation mechanisms to ensure correct URL formatting and prevent duplicate entries.

Technical Skills

Languages: Python, Typescript , Java

Technologies/Frameworks: FastAPI, Express.js, LangChain , React, Google CCloud SDK

Databases: PostgreSQL, MongoDB, SQLAlchemy ORM, Mongoose

Cloud Platforms & Services: AWS (EC2, S3, Lambda), GCP (Cloud Functions, Cloud Storage), Render (backend), Vercel (frontend)

DevOps & Deployment: Docker, Bash, Git & GitHub, Postman, Linux

Leadership / Extracurricular

Consulting Director

August 2023 – July 2024

180 Degrees Consulting MUJ

Manipal University Jaipur

- Led and managed a team of 10 consultants, overseeing end-to-end consulting projects).
- Conducted workshops and training sessions to improve junior consultants' understanding of consulting methodologies